

Product datasheet for **MR226252A1V**

Mouse Runx1 (NM_001111021) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Runx1 (NM_001111021) AAV Particle
Tag:	Myc-DDK
Symbol:	Runx1
Synonyms:	AML1; CBF-alpha-2; Cbfa2; Pebp2a2; Pebpa2b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR226252 representing NM_001111021
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTTCAGACAGCATTTTTGGAGTCATTTCTTCATATCCACAGTGCTTCATGAGAGATGCCAGCACGA
 GCCGCCGCTTCACGCCGCTTCCACCGCTGAGCCCCGCAAGATGAGCGAGGCGCTGCCGCTGGGCGC
 CCCGGATGGCGCGCCGCTTGGCCAGCAAGCTGAGGAGCGGCGACCGCAGCATGGTGGAGGTAAGT
 GACCACCTGGCGAGCTAGTGGCACCAGACGCCCAACTTCTCTGCTCCGTGCTACCCACTACTGGC
 GCTGCAACAAGACCTGCCATCGCTTTCAAGTGGTGGCACTGGGGACGTCCCGGATGGCACTCTGGT
 CACCGTCATGGCAGGCAACGATGAAACTACTCGGCAGAACTGAGAAATGCTACCGCGGCCATGAAGA
 CAGGTAGCGAGATTCAACGACCTCAGGTTTGTGGGCGGAGCGGTAGAGGCAAGAGCTTCACTCTGACCA
 TCACCGCTTTACAAATCCGCCACAAGTTGCCACCTACCATAGAGCCATCAAAATCACAGTGGACGGCCC
 CCGAGAACCCGAAGACATCGGCAGAACTAGATGATCAGACCAAGCCCGGGAGTTTGTCTTTTCCGAG
 CGGCTCAGTGAATTGGAGCAGCTGCGGCGCACGGCCATGAGGGTCAGCCCGCACCCAGCCGCCACGC
 CCAACCTCGGGCTCCTTGAACCACTCCACTGCCTTTAACCTCAGCCTCAAAGTCAGATGCAGGATGC
 CAGGCAGATCCAGCCATCCCCACCGTGGTCTATGACCAGTCTACCAGTACCTGGGATCCATCACTCT
 TCCTCTGTCCACCCAGCGACACCCATTTACCCGGCCGTGCCAGCGGCATGACCAGCCTCTCTGCAGAAC
 TTTCCAGTCGACTCTCAACGGCTCCGGACCTGACCGCCTTCGGCGACCCACGCCAGTTTCCCTACTCTGCC
 GTCCATCTCCGACCCGCGCATGCACTACCCAGGCGCCTTACCTACTCGCCGCCCGTACGTCGGGCATC
 GGCATCGGCATGTCAGCCATGAGCTCGGCCTCTCGCTACCACCTACCTGCCGCCCGCTACCCCGGCT
 CATCACAGGCGCAGGCCGGCCCTTCCAGACGGCTCGCCCTCCTACCATCTATACTACGGCGCCTCGGC
 CGGTTCTTACCAGTTCTCCATGGTGGGCGGAGAGAGATCGCCCCGCGCATCCTGCCGCCCTGCACCAAC
 GCATCCACCGGCGCCGCTGCTCAACCCAGCCTCCCCAGCCAGAGCGACGTGGTGGAGACCGAGGGCA
 GCCATAGCAACTCGCCACCAACATGCCCCCGCGCGCTGGAGGAGGCCGTGTGGCGGCCCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MASDSIFESFPSYQCFMRDASTSRRFPPSTALSPGKMSEALPLGAPDGAALASKLRSGDRSMVEVLA
 DHPGELVRTDSPNFLCSVLPTHWRNKTLPIAFKVVVALGDVPDGLVTVMAGNDENYSAELRNATAAMKN
 QVARFNDLRFVGRSGRGKSFTLTITVFNPPQVATYHRAIKITVDGPREPRRHQKLDQTKPGSLSFSE
 RLSELEQLRRTAMRVSPHHPAPTPNPRASLNHSTAFNPQPSQMQDARQIQSPSPWSYDQSYQYLGSI
 SSVHPATPISPGRASGMTSLSAELSSRLSTAPDLTAFGDPRQFPPTLPSISDPRMHYPGAFYSPVTS
 GIGMSAMSSASRYHTYLPYPPYPGSSQAQAGPFQTGSPSYHLYYGASAGSYQFSMVGGERSPPRILPPCTN
 ASTGAALLNPSLPSQSDVVELEGSHSNSTNMPPARLEEAVWRPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001111021

ORF Size:

1395 bp

Buffer:

PBS with 0.001% Pluronic F68

Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001111021.2, NP_001104491.1</u>
RefSeq Size:	5803 bp
RefSeq ORF:	1398 bp
Locus ID:	12394
Cytogenetics:	16 53.7 cM
MW:	50.2 kDa